

## IAD Top Technology Challenges



## 2014

- 1 Resiliency Resilient Architecture and Operations
- Automated Risk Detection-monitoring Heuristic / Behavioral Large scale / Real-time / Multi-domain
- 3 Automated Risk Mitigation
- 4 Usability Transparent Security
- 5 Cloud Store Sensitive Government Data Searchable and Usable on Public Clouds
- **6** Detection and Response Mechanisms for Insiders (Timely, Fine-grained)
- 7 Leverage Classified Knowledge/Signatures in a Host-based System
- 8 Mobility Hardware RoT, SEAndroid, Secure boot, Secure Baseband
- **9** Security for Cloud User Environments Thick / Thin Client, Virtualization
- 10 Engineering, Testing, and Operating Secure Composite Systems
- 11 Establishing and Maintaining Assurance in Heterogeneous, Mobile and Cloud Environments Confidence in Cyberspace